Philips Brilliance
LED Monitor with
SmartImage

S-line
21.5" / 54.6 cm

Brilliance

221S3LSB

Feature packed display for increased productivity

With features like SmartImage, SmartControl and 0.1 watt soft-off mode the energy efficient Philips 221S3 increases your productivity

Sustainable Eco-friendly solution

- EPEAT Silver ensures lower impact on environment
- Mercury Free eco-friendly display
- Energy Star for energy efficiency and low power consumption
- SmartPower: Up to 50% power saving
- 0.1 watt Soft-Off mode

Outstanding display performance

- LED technology ensures natural colors
- SmartImage: Optimized user friendly display experience
- SmartContrast: For incredible rich black details

Great convenience

- Modern Touch controls
- Dual input accepts both analog VGA and digital DVI signals
- Easy display performance tuning with SmartControl Premium
- Screen tilts to your ideal, individualized viewing angle

PHILIPS

Highlights

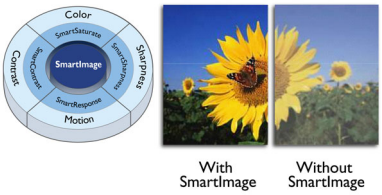
LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

Mercury Free

Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances which affects humans and animals. This allows for a eco-friendly display through out its life-cycle from manufacturing to disposal.

SmartImage



SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Image, Entertainment, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

SmartPower

SmartPower is an artificial intelligent technology which dynamically analyzes the content of the screen image to achieve power saving. The backlight intensity can be controlled automatically and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs

Dual input

VGA connector

DVI connector

Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

EPEAT Silver

Philips EPEAT Silver certified monitors ensure protection for human health and environment, and are highly energy efficient ensuring low emissions of climate changing green house gases. EPEAT program helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by US EPA. EPEAT Silver is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.

Energy Star 5.0

Energy Star is a US EPA sponsored energy efficiency program also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards which operates with maximum power efficiency at all operational levels. New Philips monitors are certified for Energy Star 5.0 specifications and meet or exceed the standard. For example, in sleep mode Energy Star 5.0 requires less than 1watt power consumption, whereas Philips monitors consume less than 0.5watts. Further details can be obtained from www.energystar.gov

Adjustable tilt

Adjustable tilt is backward and forward movement of a screen on its base to achieve custom positioning for an ideal viewing angle and more comfort for people who spend long hours working on the computer.

Touch controls

Touch controls are intelligent, touch sensitive icons that replace protruding buttons that lets the user adjust the monitor to their requirement. Responding to your lightest touch,Touch control gives the monitor a modern feel

SmartContrast

SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

SmartImage™ LED White LED Hg Free epeat SILVER 0.1W Standby Mode SmartPower Touch control TCO CERTIFIED energy ENERGY STAR Compatible with Windows 7

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Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 21.5 inch / 54.6 cm
- Effective viewing area: 476.6 (H) x 268.1 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60Hz
- Response time (typical): 5 ms
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1,000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.248 x 0.248 mm
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Picture enhancement: SmartImage
- Display colors: 16.7 M
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- sRGB

Connectivity
- Signal Input: VGA (Analog), DVI-D (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green

Convenience
- User convenience: SmartImage, Brightness, Power On/Off, SmartPower, Menu
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: VESA mount (100x100mm), Kensington lock
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP

Stand
- Tilt: -5/20 degree

Power
- ECO mode: 11.8 W (typ.)
- On mode: 16.81W (EnergyStar 5.0 test method)
- Standby mode: 0.1 W
- Off mode: 0.1 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50/60Hz

Dimensions
- Product with stand (mm): 507x 402 x 201 mm
- Product with stand in inch: 19.96 x 15.83 x 7.91 inch
- Product without stand (mm): 507 x 323 x 59 mm
- Product without stand in inch: 19.96 x 12.71 x 2.32 inch
- Packaging in mm (WxHxD): 565 x 461 x 131 mm
- Packaging in inch (WxHxD): 22.24 x 18.15 x 5.16 inch

Weight
- Product with stand (kg): 3.85 kg
- Product with stand (lb): 8.47 lb
- Product without stand (kg): 3.44 kg
- Product without stand (lb): 7.57 lb
- Product with packaging (kg): 5.13 kg
- Product with packaging (lb): 11.29 lb

Operating conditions
- Temperature range (operation): 0°C to 40°C °C
- Temperature Range (storage): -20°C to 60°C °C
- Relative humidity: 20%-80 %
- MTBF: 30,000 hour(s)

Sustainability
- Environmental and energy: EnergyStar 5.0, EPEAT Silver, RoHS
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SEMKO, TCO 5.1, TUV Ergo, TUV/GS, UL/cUL

Cabinet
- Color: Black
- Finish: Texture

Issue date 2014-03-14
Version: 2.0.2
12 NC: 8670 000 70221
UPC: 6 09585 20127 9

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